|            | Index of Claims |          |              |          |          |          |          |          |           |                |          |    |       | Application/Control No. |                 |            |                    |              |              |              |         |          | Applicant(s)/Patent under Reexamination |          |                 |                 |         |              |                 |          |            |         |   |  |
|------------|-----------------|----------|--------------|----------|----------|----------|----------|----------|-----------|----------------|----------|----|-------|-------------------------|-----------------|------------|--------------------|--------------|--------------|--------------|---------|----------|---|----------|-----------------|-----------------|---------|--------------|-----------------|----------|------------|---------|---|--|
|            |                 |          |              |          |          |          |          |          |           |                |          |    |       |                         | 10              | 10/749,630 |                    |              |              |              |         |          |   |          |                 | KLEEMANN ET AL. |         |              |                 |          |            |         |   |  |
|            |                 |          |              |          |          |          |          |          |           |                |          |    |       |                         | Examiner        |            |                    |              |              |              |         |          |   |          | Art Unit        |                 |         |              |                 |          | · <u> </u> | _       |   |  |
|            |                 |          |              |          |          |          |          |          |           |                |          |    |       | _                       |                 |            | D. Margaret Seaman |              |              |              |         |          |   |          |                 | 1625            |         |              |                 |          |            |         |   |  |
| √ Rejected |                 |          |              |          |          |          |          |          |           | (Through numer |          |    |       |                         |                 | era        | al)                |              |              | T            | Non     | -Ele     | -4-                                     |          | ſ               | Т               | Appeal  |              |                 |          |            |         |   |  |
|            |                 | ۲<br>    |              |          |          |          |          | L        | Cancelled |                |          |    |       |                         |                 |            |                    | N            |              |              |         | $\dashv$ | ŀ                                       | <u> </u> |                 |                 | _       |              |                 |          |            |         |   |  |
|            |                 |          |              |          | Allowed  |          |          |          |           | ÷              | <u>+</u> |    |       | Restricted              |                 |            |                    | 1 Interfe    |              |              | rfere   | nc       | :е                                      |          | 0               | Objected        |         |              |                 |          |            |         |   |  |
|            | Claim           |          |              |          | Date     |          |          |          |           |                | Clair    |    |       | m                       |                 |            | D                  | ate          |              |              |         | ::[      | Claim                                   |          |                 | Date            |         | ,            |                 |          | ]          |         |   |  |
|            | -               | la l     | 35           |          |          |          |          |          |           |                |          |    | 727   | ıaf                     |                 |            |                    |              |              |              |         |          |   |          | ₫               |                 |         |              |                 |          |            | Γ       |   |  |
|            | Final           | Original | 4/21/05      |          |          |          |          |          |           |                |          |    | Final | Original                |                 |            | ļ                  |              |              |              |         |          |   | Final    | Oigina<br>Biria |                 |         |              |                 |          | ŀ          |         |   |  |
|            |                 | 1        | ÷            |          |          |          |          |          |           |                |          |    |       | 51                      |                 |            | $\exists$          |              | $\pm$        | 1            | $\pm$   |          | L                                       | 10       |                 | 士               |         |              |                 |          |            |         |   |  |
|            |                 | 2        |              |          | -        |          |          |          | L         | _              |          |    |       | 52<br>53                | $\sqcup$        | $\dashv$   | $\dashv$           | +            | +            | -            | +       | -        | -                                       | 10       |                 | -               | +       | +            | $\sqcup$        | 4        | -          | +       |   |  |
|            |                 | 3        | $\mathbb{H}$ |          |          |          |          | -        | H         | ┢              | -        | 1. |       | 54                      | H               | +          | $\dashv$           | +            | +            | +            | +       | $\dashv$ | -                                       | 10       |                 | +               | +       | 十            | H               | $\dashv$ | +          | ╁       |   |  |
|            |                 | 5        |              |          |          |          |          |          |           |                |          |    |       | 55                      |                 |            |                    |              |              | 1            | $\perp$ |          |   | 10       | )5              |                 |         |              | П               | 耳        |            |         | ] |  |
|            |                 | 6<br>7   | Н            | _        |          |          |          |          |           | ├              | -        |    |       | 56<br>57                | $\vdash$        | -          | $\dashv$           | +            | +            | +            | +       | -        | -                                       | 10       |                 | +               | +       | ┿            | Н               | $\dashv$ | +          | ╁       | { |  |
|            |                 | 8        | Н            |          |          |          | H        | -        | ┢         | $\vdash$       | $\vdash$ |    |       | 58                      | ┤┤              | $\dashv$   | $\dashv$           | +            | +            | +            |         | -        | -                                       | 10       |                 | +               | ╁       | ╁            | Н               | $\dashv$ | +          | ╁       | 1 |  |
|            |                 | 9        |              |          |          |          |          |          |           |                |          |    |       | 59                      |                 |            |                    |              | $\perp$      |              |         |          |   | 10       | 9               |                 |         |              | П               |          |            |         |   |  |
|            |                 | 10       | Щ            |          |          |          |          |          |           | <u> </u>       |          |    |       | 60<br>61                | $\vdash$        |            |                    | _            | +            | -            | 1       | <b>—</b> | -                                       | 1.       |                 | -               | +       | $\perp$      | $\vdash$        | 4        | _          | _       |   |  |
|            |                 | 12       | Н            | $\dashv$ | $\dashv$ | Н        | $\vdash$ |          | ┢         | -              | -        |    |       | 62                      | $\vdash$        | +          | $\dashv$           | 十            | +            | +            |         | $\dashv$ | -                                       | 1.       |                 | +               | +       | ╁            | $\vdash$        | +        | ╁          | ╁       |   |  |
|            |                 | 13       |              |          |          |          |          |          |           |                |          |    |       | 63                      |                 |            |                    |              |              |              |         |          |   | 1        | 3               |                 |         |              |                 |          |            |         | ] |  |
|            |                 | 14       | Щ            |          |          |          |          |          |           |                |          |    |       | 64<br>65                | Н               | -          | +                  | _            | +            | +            | -       |          | -                                       | 1.       | 4               | +               | +       | +            | $\sqcup$        | -        | _          | +       | ļ |  |
|            |                 | 15<br>16 | $\mathbb{H}$ | $\dashv$ | $\dashv$ | Н        | Н        |          |           | H              |          |    |       | 66                      | $\vdash$        | $\dashv$   | $\dashv$           | ╁            | +            | +            | +-      | $\dashv$ | $\vdash$                                | 1        |                 | +               | ╁       | ╁╌           | $\vdash$        | $\dashv$ | +          | ╁       | 1 |  |
|            |                 | 17       |              |          |          |          |          |          |           |                |          |    |       | 67                      |                 |            |                    |              |              | 1            |         |          | L                                       | 1        | 7               | 士               |         | 上            |                 |          |            |         | j |  |
|            |                 | 18       | $\perp$      |          |          | Ш        |          | <u> </u> | _         |                |          |    |       | 68                      | Н               | $\dashv$   | $\dashv$           | +            | 4            | +            | $\perp$ |          | -                                       | 11       |                 | +               | - -     | ╄            | Н               | $\dashv$ | $\perp$    | +       |   |  |
|            |                 | 19<br>20 | Н            | -        | -        |          | H        |          | ┝         | -              | -        |    |       | 69<br>70                | Н               | $\dashv$   | $\dashv$           | +            | +            | +            | +       | $\dashv$ | -                                       | 1:       |                 | +               | +       | +            | Н               | $\dashv$ | +          | ╁       | 1 |  |
|            |                 | 21       |              |          |          |          |          |          |           |                |          |    |       | 71                      |                 |            |                    |              |              |              |         |          |   | 1:       | 21              | $\perp$         |         |              |                 |          |            |         | ] |  |
|            |                 | 22       | Ш            | $\Box$   |          |          |          |          | _         |                | <u> </u> |    |       | 72                      | $\sqcup$        | 4          | -+                 | 4            | _            | +            | +       | !!!      | -                                       | 1:       | 22              | 4               | $\bot$  | $\bot$       | Н               | $\dashv$ | _          | ╄       | - |  |
|            |                 | 23       | Н            | $\dashv$ |          |          |          |          | -         | H              |          |    |       | 73<br>74                | $\vdash$        | +          |                    | ╬            |              | +            |         |          | -                                       | 1:       |                 | +               | ╁       | ╁            | Н               | $\dashv$ | +          | ╁       | 1 |  |
|            |                 | 25       |              |          |          |          |          |          |           |                |          |    |       | 75                      |                 |            |                    | 土            |              | $\top$       |         |          |   | 1:       | 25              |                 |         |              |                 |          |            |         |   |  |
|            |                 | 26       | Ш            |          |          |          |          |          | Ŀ         |                |          |    |       | 76                      | Ш               | 4          | _                  | 4            | _            | $\downarrow$ |         | _        | L                                       | 1:       | 26              |                 | $\perp$ |              | П               | $\dashv$ | _          | -       |   |  |
|            |                 | 27<br>28 | $\mathbb{H}$ | -        |          |          | Н        | H        | H         | H              | H        |    |       | 77<br>78                | H               | $\dashv$   | $\dashv$           | +            | +            | +            | +       |          | -                                       | 1:       |                 | $\dashv$        | +       | +            | $\vdash$        | $\dashv$ | +          | +       | - |  |
|            |                 | 29       | Н            | $\dashv$ |          |          |          |          |           | 1              |          |    |       | 79                      | Н               |            | 寸                  | 1            | $\top$       | +            |         |          |   | 1:       | 29              | $\dagger$       | $\top$  | $\dagger$    | Н               | $\dashv$ | +          | 1       | 1 |  |
|            |                 | 30       |              |          |          |          |          |          |           |                |          |    |       | 80                      |                 |            | $\perp$            | $\perp$      | $\perp$      | $\perp$      | $\perp$ |          |   | 1;       |                 |                 | $\perp$ | $\perp$      |                 | _        | $\perp$    | _       | ] |  |
|            |                 | 31<br>32 | Н            | $\dashv$ |          |          | $\vdash$ | -        | $\vdash$  | H              | H        |    |       | 81<br>82                | $\vdash$        | $\dashv$   | -+                 | +            | +            | +            | +       | :::      | -                                       | 1;       |                 | +               | ╫       | +-           | H               | $\dashv$ | +          | +       | 1 |  |
|            |                 | 33       | Н            | $\neg$   |          | Н        |          |          |           |                |          |    |       | 83                      | Н               |            | 1                  | T            | +            | $\dagger$    |         | -        |   | 1:       |                 |                 | +       | T            | Н               | $\dashv$ | +          | T       | 1 |  |
|            |                 | 34       |              |          |          |          |          |          |           |                |          |    |       | 84                      |                 |            | $\Box$             | $\Box$       |              | $\perp$      | $\perp$ |          |   | 1;       |                 | $\Box$          | T       |              | П               | $\Box$   | $\perp$    | $\perp$ |   |  |
|            |                 | 35<br>36 | Ш            |          |          |          | Н        | Н        | H         | ⊢              | _        |    |       | 85<br>86                | $\square$       | $\dashv$   | $\dashv$           | +            | +            | +            |         |          | -                                       | 1;       |                 | +               | +       | ╀            | $\vdash$        | $\dashv$ |            | ╀       |   |  |
|            |                 | 37       | Н            | $\dashv$ |          |          |          | H        | ┢         | $\vdash$       |          |    |       | 87                      | -               | 7          | $\dashv$           | $\dashv$     | +            | $^{+}$       | +       |          | -                                       | 13       |                 | +               | +       | +            | Н               | $\dashv$ | +          | +       |   |  |
|            |                 | 38       |              |          |          |          |          |          |           |                |          |    |       | 88                      |                 |            |                    | #            | $\Box$       | 1            |         |          |   | 13       | 38              | 1               |         |              | П               | $\Box$   |            |         |   |  |
|            |                 | 39<br>40 | $\mathbb{H}$ | $\dashv$ | -        | _        |          | H        | <u> </u>  | -              | H        |    |       | 89<br>90                |                 | -          | $\dashv$           | +            | +            | +            |         | -        | -                                       | 1;       |                 |                 | ╀       | +-           | Н               | $\dashv$ | +          | ╀       | - |  |
|            | _               | 41       | H            | $\dashv$ |          | Н        | Н        | $\vdash$ |           |                |          |    |       | 91                      | $\vdash \vdash$ |            | $\dashv$           | +            | +            | _            | -       |          | ╟                                       | 14       | 11              | +               | +       | +            | -               | $\dashv$ | _          | +       |   |  |
|            |                 | 42       | П            |          |          |          |          |          |           |                |          |    |       | 92                      |                 | $\Box$     | $\Box$             | 7            | $\downarrow$ | #            | $\perp$ |          |   | 14       | 2               | $\Box$          | $\perp$ |              | П               | $\Box$   | #          |         |   |  |
|            |                 | 43<br>44 | H            |          | $\dashv$ | Н        | Н        | $\vdash$ | $\vdash$  | $\vdash$       | _        |    |       | 93                      | $\vdash$        | -          | +                  | +            | +            | +            | +       |          | ⊩                                       | 14       |                 | -               | +       | +            | $\vdash \vdash$ | $\dashv$ | -          | +       |   |  |
|            |                 | 45       | Н            |          | -        | H        | Н        | Н        | $\vdash$  |                | $\vdash$ |    |       | 95                      | $\vdash \vdash$ | $\dashv$   | $\dashv$           | +            | +            | +            | +       | $\dashv$ | -                                       | 14       |                 | +               | +       | +            | H               | $\dashv$ | +          | +-      | 1 |  |
|            |                 | 46       | П            |          |          |          |          |          |           |                |          |    |       | 96                      | П               |            | $\Box$             | $\downarrow$ | 1            | 1            | $\perp$ |          | L                                       | 14       | 16              | $\Box$          | I       | $oxed{\Box}$ | П               | $\Box$   |            | T       |   |  |
|            |                 | 47<br>48 | $\mathbb{H}$ | -        | -        | $\vdash$ | $\vdash$ |          | <u> </u>  | -              | $\vdash$ |    |       | 97<br>98                |                 | $\dashv$   | $\dashv$           | +            | +            | +            | -       | H        | -                                       | 14       |                 | - -             | +       | +            | $\vdash \vdash$ | +        | +          | +       | - |  |
|            |                 | 49       | +            | $\dashv$ | $\dashv$ | H        | H        | $\vdash$ | $\vdash$  | $\vdash$       | H        |    |       | 99                      | $\forall$       | +          | $\dashv$           | +            | +            | +            | +       | $\dashv$ | -                                       | 14       |                 | +               | +       | +            | $\vdash \vdash$ | $\dashv$ | +          | +       | { |  |
|            |                 | 50       |              |          |          |          |          |          |           |                |          |    |       | 100                     | П               |            |                    | $\perp$      |              | $\perp$      |         |          |   | 1!       |                 |                 | l       |              | 口               | $\Box$   |            |         | ] |  |